

claim 12 in order to obtain information on the spatial distribution of the said dielectric and magnetic properties of said materials, which information is used to calculate the temperature, density and/or water contents distribution of said materials.

REMARKS

Claims 1-17 are now present in the application. Claims 6 and 16 have been amended. Claims 1 and 12 are independent.

Favorable action on the above-identified application is respectfully requested.

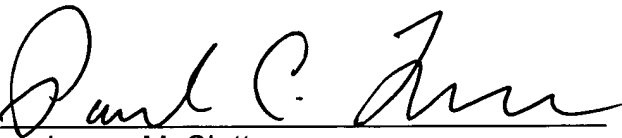
In the event there are any matters remaining in this application, the Examiner is invited to contact Paul C. Lewis, Registration No. 43,368 at (703) 205-8000 in the Washington, D.C. area.

Attached hereto is a marked-up version of the changes made to the application by this Amendment.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. §§1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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By 
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Attachment: Version with Markings to Show Changes Made

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS

The claims have been amended as follows:

6. (AMENDED) The device according to [any of] claim 3, wherein said imaging sensor detects a picture of the reflectivity and transmissivity and propagation speed of sound waves.

16. (AMENDED) A system comprising a device according to [any of claims 1 to 11] claim 1, said instrument evaluates the measurement data based on a method according to [any of claims 12 to 15] claim 12 in order to obtain information on the spatial distribution of the said dielectric and magnetic properties of said materials, which information is used to calculate the temperature, density and/or water contents distribution of said materials.